



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : ROBERT L. MEMMEN ET AL.  
Confirmation No.: 8373  
Serial No. : 10/635,694  
Filed : August 5, 2003  
TC/A.U. : 3726

Docket No. : EH-10895 (03-357)  
Customer No. : 34704

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Sir:

The documents on the attached Form PTO-1449 are brought to the Examiner's attention. Copies of the non-US patent documents are enclosed.

Per 37 CFR 1.97(e)(1), the undersigned hereby certifies that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. Furthermore, per 37 CFR 1.704(d), this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the information disclosure statement.

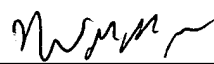
The undersigned submits the above-identified references for independent consideration by the Examiner and does not make any admission that these references are or are not material to the

present invention or that these references are or are not prior art with respect to the present invention.

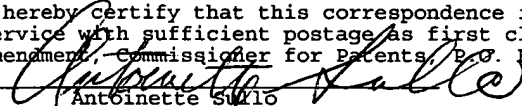
Should the Commissioner determine that a fee is due, he is hereby authorized to charge said fee or fee deficiency to the Deposit Account of record.

Respectfully submitted,

ROBERT L. MEMMEN ET AL.

By   
\_\_\_\_\_  
William B. Slate  
Attorney for Applicants  
Reg. No. 37,238  
Tel: (203) 777-6628  
Fax: (203) 865-0297

Date: November 19, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: "Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313" on November 19, 2004  
  
Antoinette Surlo

+

+

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

NOV 22 2004

Application Number	10/635,694
Filing Date	August 5, 2003
First Named Inventor	Robert L. Memmen
Group Art Unit	8373
Examiner Name	
Attorney Docket Number	EH-10895 (03-357)

Sheet	1	of	2
-------	---	----	---

[illegible][illegible]Date  
Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

### Complete if Known

Application Number	10/635,694
Filing Date	August 5, 2003
First Named Inventor	Robert L. Memmen
Group Art Unit	8373
Examiner Name	
Attorney Docket Number	EH-10895 (03-357)

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		DUANE G. WILLIAMS, Vacuum Coating with a Hollow Cathode Source, J. Vac. Sci. Technol., January-February, 1974, New York	
		PATENT ABSTRACTS OF JAPAN, Vol. 122, No. 2, June 10, 1988 - JP 63004066 (Hitachi Ltd.)	
		J.R. TREGGIO ET AL., Deposition of TiB <sub>2</sub> at Low Temperature with Low Residual Stress Vacuum Arc Plasma Source, Surface and Coatings Technology, December 3, 1993, Elsevier Sequoia SA, Switzerland	

Examiner  
Signature

Date  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.